

Peak District National Park

Forecast valid from 00:00 on Tuesday 03 Oct 2023 until 23:59 on Wednesday 04 Oct 2023

Forecast Issued on Monday 02 Oct 2023 at 15:39

Confidence: High for fresher showery weather on Tuesday, but medium for the details from Wednesday onwards due to uncertainty with the position of a front further north.

Headline for Tuesday 03 Oct 2023: Bright with sunny intervals and showers, dying out later.

Mountain weather hazards on Tuesday 03 Oct 2023

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Light rain showers (night)	Light rain showers (night)	Heavy rain showers	Heavy rain showers	Light rain showers	Sunny intervals	Light rain showers (night)
Precipitation probability							
60%	30%	30%	40%	40%	30%	20%	20%

Forecast for Tuesday 03 Oct 2023

Weather: Some clear intervals and showers overnight. A bright day will follow with sunny intervals and scattered showers, these becoming lighter and more isolated during the evening.

Chance of cloud-free hill tops above 600m: 30%, slowly improving to 60% through the day.

Low cloud and visibility: Broken cloud base 400-600 metres overnight, becoming more scattered with bases lifting 600-800 metres through the day. Visibilities good or very good, but falling moderate or poor at times in the showers.

Forecast for Tuesday 03 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/10 N	12/16 W	18/24 W	22/30 W	26/35 W	26/35 W	22/31 W	17/24 W	17/24 SW
300	5/8 NW	9/13 W	13/19 W	17/24 W	21/31 W	21/31 W	15/24 W	13/21 SW	12/20 SW
Valley	4/9 NW	5/11 W	8/17 W	11/23 W	17/32 W	15/30 W	11/25 W	8/20 SW	7/19 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/6	8/5	8/4	8/4	9/4	9/5	8/4	8/4	8/4
300	10/9	10/8	10/7	10/7	12/8	12/8	11/8	10/8	10/7
Valley	11/10	10/9	10/9	11/9	12/9	12/10	12/9	10/9	10/9
Freezing Level*	2600m	1800m	1700m	1700m	1800m	1800m	1800m	1700m	1800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Fresher than of late and feeling chilly over the summits in the showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
14:00 on Mon 02 Oct 2023

Last 24 hours:
0mm

Last 48 hours:
0mm

Last 72 hours:
0mm

Forecast for Wednesday 04 Oct 2023

Weather: Some clear spells with a few showers overnight, then bright through the day with sunny intervals and just the odd light shower.

Maximum wind: West or southwest 25 gust 35 mph

Chance of cloud-free hill tops above 600m: 60%

Low cloud and visibility: Scattered to broken cloud base 500-700 metres. Visibilities good or very good, but moderate at times in the showers.

Temperature: **Valleys:** Plus 6 Celsius rising to 16 Celsius.
At 600m: Plus 9 Celsius.
Freezing level: Above summits.